

Forward Capacity Market (FCA 2012-2013) Result Report

This report is intended to provide a summary of the results for the third Forward Capacity Auction for Capacity Commitment Period of June 1, 2012 to May 31, 2013 (FCA_2012_2013). FCA_2012_2013 concluded upon reaching the Lower Bound of the Capacity Clearing Price Collar (\$2.951 or 0.6 X CONE), meaning, the amount of capacity offered in the auction exceeded the amount needed to meet the Net Installed Capacity Requirement for the commitment period. The results of the auction are contained in two sections, Auction Round Results and Capacity Supply Obligation Details. An explanation for the data is provided within the appropriate section of this document.

Each of the values is calculated in accordance with Market Rule 1 Sections III.12. Calculation of Capacity Requirements and III. 13. Forward Capacity Market. The details concerning the calculations for any of the auction values contained in the tables below can be found in Market Rule 1 Section III.13.2 Annual Forward Capacity Auction and/or The User Guide for Forward Capacity Auction 2012-2013. Both documents are available on the ISO New England website.

Section 1:

Auction Round Results- FCA_2012_2013 began at 9:00 AM EST on October 5, 2009 and concluded after seven rounds at 1:30 PM on October 6, 2009. The tables listed below contain specific MW and dollar amounts for each round of the auction. The data is contained in two tables (Maine and Rest of Pool) and includes the following information:

- The Net Installed Capacity Requirement (NICR) for the commitment period (31,965MW)
- The start price and end price for each of the seven rounds specific to the each of the Capacity Zones in dollars per kW Month.
- The excess MW amount for each Capacity Zone at the end of each round
- The excess MW amount if above the available capacity limit on the External Tie lines connected to each Capacity Zone or a text identifying there is “No Excess Supply” if the amount available was less than or equal to the available capacity limit on the tie line.
- A Note at the bottom of the document contains clarification information.

Forward Capacity Market (FCA 2012-2013) Result Report

Capacity Clearing Price Lower Bound Collar Reached (\$2.951/kW/Month)

Maine:

Round	System-Wide (NICR: 31,965,000 MW)	Capacity Zone Maine (MCL: 3,257,000 MW)	External Interface New Brunswick
Status		Closed Capacity Clearing Price Collar Reached	Closed Capacity Clearing Price Collar Reached
Round 1	\$ 9.836 – \$ 6.000	\$ 9.836 – \$ 6.000	\$ 9.836 – \$ 6.000
Excess	5,553.455 MW	690.212 MW	No Excess Supply
Round 2	\$ 6.000 – \$ 5.000	\$ 6.000 – \$ 5.000	\$ 6.000 – \$ 5.000
Excess	5,453.447 MW	690.212 MW	No Excess Supply
Round 3	\$ 5.000 – \$ 4.400	\$ 5.000 – \$ 4.400	\$ 5.000 – \$ 4.400
Excess	5,392.626 MW	690.212 MW	No Excess Supply
Round 4	\$ 4.400 – \$ 3.934	\$ 4.400 – \$ 3.934	\$ 4.400 – \$ 3.934
Excess	5,345.388 MW	690.212 MW	No Excess Supply
Round 5	\$ 3.934 – \$ 3.689	\$ 3.934 – \$ 3.689	\$ 3.934 – \$ 3.689
Excess	4,738.799 MW	654.283 MW	No Excess Supply
Round 6	\$ 3.689 – \$ 3.320	\$ 3.689 – \$ 3.320	\$ 3.689 – \$ 3.320
Excess	4,697.655 MW	648.273 MW	No Excess Supply
Round 7	\$ 3.320 – \$ 2.951	\$ 3.320 – \$ 2.951	\$ 3.320 – \$ 2.951
Excess	4,648.634 MW	641.253 MW	No Excess Supply

NOTE:

- All prices are in \$/KW-Month
- NICR = Net Installed Capacity Requirement
- MCL = Maximum Capacity Limit
- Type of Capacity Zone: Export-Constrained
- An External Interface cannot close earlier than the associated Capacity Zone
- Excess Supply (system-wide and in Export-Constrained Capacity Zone) has not been adjusted for **excess** of Real Time Emergency Generation capacity

Forward Capacity Market (FCA 2012-2013) Result Report

Capacity Clearing Price Lower Bound Collar Reached (\$2.951/kW/Month)

Rest of Pool:

Round	System-Wide (NICR: 31,965.000 MW)	Capacity Zone Rest-of-Pool	External Interface New York Cross Sound Cable	External Interface New York AC Ties	External Interface Phase I/II HQ Excess	External Interface Hydro-Quebec Highgate
Status		Closed Capacity Clearing Price Collar Reached	Closed Capacity Clearing Price Collar Reached	Closed Capacity Clearing Price Collar Reached	Closed Capacity Clearing Price Collar Reached	Closed Capacity Clearing Price Collar Reached
Round 1	\$ 9.836 – \$ 6.000		\$ 9.836 – \$ 6.000	\$ 9.836 – \$ 6.000	\$ 9.836 – \$ 6.000	\$ 9.836 – \$ 6.000
Excess	5,553.455 MW		No Excess Supply	465.100 MW	1,105.330 MW	No Excess Supply
Round 2	\$ 6.000 – \$ 5.000		\$ 6.000 – \$ 5.000	\$ 6.000 – \$ 5.000	\$ 6.000 – \$ 5.000	\$ 6.000 – \$ 5.000
Excess	5,453.447 MW		No Excess Supply	465.100 MW	1,105.330 MW	No Excess Supply
Round 3	\$ 5.000 – \$ 4.400		\$ 5.000 – \$ 4.400	\$ 5.000 – \$ 4.400	\$ 5.000 – \$ 4.400	\$ 5.000 – \$ 4.400
Excess	5,392.626 MW		No Excess Supply	465.100 MW	1,105.330 MW	No Excess Supply
Round 4	\$ 4.400 – \$ 3.934		\$ 4.400 – \$ 3.934	\$ 4.400 – \$ 3.934	\$ 4.400 – \$ 3.934	\$ 4.400 – \$ 3.934
Excess	5,345.388 MW		No Excess Supply	465.100 MW	1,105.330 MW	No Excess Supply
Round 5	\$ 3.934 – \$ 3.689		\$ 3.934 – \$ 3.689	\$ 3.934 – \$ 3.689	\$ 3.934 – \$ 3.689	\$ 3.934 – \$ 3.689
Excess	4,738.799 MW		No Excess Supply	No Excess Supply	1,105.330 MW	No Excess Supply
Round 6	\$ 3.689 – \$ 3.320		\$ 3.689 – \$ 3.320	\$ 3.689 – \$ 3.320	\$ 3.689 – \$ 3.320	\$ 3.689 – \$ 3.320
Excess	4,697.655 MW		No Excess Supply	No Excess Supply	1,105.330 MW	No Excess Supply
Round 7	\$ 3.320 – \$ 2.951		\$ 3.320 – \$ 2.951	\$ 3.320 – \$ 2.951	\$ 3.320 – \$ 2.951	\$ 3.320 – \$ 2.951
Excess	4,648.634 MW		No Excess Supply	No Excess Supply	1,105.330 MW	No Excess Supply

NOTE:

- All prices are in \$/KW-Month
- NICR = Net Installed Capacity Requirement
- An External Interface cannot close earlier than the associated Capacity Zone
- Excess Supply (system-wide and in Export-Constrained Capacity Zone) has not been adjusted for excess of Real Time Emergency Generation capacity

Forward Capacity Market (FCA 2012-2013) Result Report

Section 2:

Capacity Supply Obligation Details –

Capacity Supply Obligation totals for FCA_2012_2013 are provided in the tables below. Table 1 contains the system wide totals (including Real-Time Emergency Generation and Self-Supply Values) and Table 2 contains the totals for each Capacity Zone.

Table 1

Commitment Period	Control Area Information				Capacity Supply Obligation Details			
	Installed Capacity Requirement	HQICC	Net Installed Capacity Requirement	Capacity Supply Obligation	RTEG Capacity Supply Obligation	RTEG Utilization Ratio	Self-Supply Obligation	Import Capacity Supply Obligation
Date	MW	MW	MW	MW	MW	Number	MW	MW
6/1/2012	32879.000	914.000	31965.000	36995.602	630.297	0.9519322	1934.884	1900.000

Table 2

Capacity Zone Information					Capacity Supply Obligation Details						
Modeled Capacity Zone ID	Modeled Capacity Zone Name	Modeled Capacity Zone Type	Local Sourcing Requirement	Maximum Capacity Limit	Capacity Supply Obligation	RTEG Capacity Supply Obligation	Self-Supply Obligation	Administrative Pricing	Capacity Clearing Price	Payment Rate	RTEG Payment Rate
Number	String	String	MW	MW	MW	MW	MW	String	\$/kW-Month	\$/kW-Month	\$/kW-Month
8500	Rest-of-Pool	Rest of Pool			33098.959	596.799	1925.935	CCP Collar - Floor	2.951	2.535	2.413
8503	Maine	Export		3257.000	3896.643	33.498	8.949	CCP Collar - Floor	2.951	2.465	2.347